

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L16	31	(("5827276") or ("5437665") or ("4294254") or ("4311143") or ("5417697") or ("6090105") or ("5376094") or ("5318564") or ("6050992") or ("5542916") or ("5980469") or ("3910279") or ("5733283") or ("4493320")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/22 18:33
L15	15	14 and unipolar	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 16:48

## EAST Search History

L14	237	<p>(US-20030109870-\$).did. or          (US-5476101-\$ or US-4347846-\$ or          US-5133360-\$ or US-5792145-\$ or          US-6132425-\$ or US-5643313-\$ or          US-5573008-\$ or US-5674184-\$ or          US-5665085-\$ or US-5542948-\$ or          US-5484436-\$ or US-5462553-\$ or          US-5540707-\$ or US-5441503-\$ or          US-4503855-\$ or US-5423814-\$ or          US-5417697-\$ or US-5380321-\$ or          US-5323768-\$ or US-5312400-\$ or          US-5207686-\$ or US-4243048-\$ or          US-5201741-\$ or US-5201732-\$ or          US-5196007-\$ or US-5158561-\$).          did. or (US-5078716-\$ or          US-5066295-\$ or US-5064424-\$ or          US-5035696-\$ or US-6168603-\$ or          US-5024617-\$ or US-4724836-\$ or          US-4362160-\$ or US-4311143-\$ or          US-4202338-\$ or US-3805791-\$ or          US-2032860-\$ or US-4200111-\$ or          US-5897567-\$ or US-2730101-\$ or          US-5938660-\$ or US-5913864-\$ or          US-5871453-\$ or US-5431649-\$ or          US-5348555-\$ or US-6183482-\$ or          US-5415656-\$ or US-6352533-\$ or          US-6254601-\$ or US-5715825-\$ or          US-5324288-\$ or US-5928159-\$).          did. or (US-5304176-\$ or          US-5575293-\$ or US-5312327-\$ or          US-5976129-\$ or US-3835842-\$ or          US-5718709-\$ or US-4134406-\$ or          US-4726370-\$ or US-5683388-\$ or          US-5919188-\$ or US-4769005-\$ or          US-4917082-\$ or US-6379319-\$ or          US-6217527-\$ or US-5707389-\$ or          US-5695457-\$ or US-4774949-\$ or          US-1747407-\$ or US-5171314-\$ or          US-5217474-\$ or US-5976164-\$ or          US-6120462-\$ or US-5649547-\$ or          US-4920978-\$ or US-5376100-\$ or          US-5255679-\$ or US-5392790-\$).          did. or (US-5203773-\$ or          US-5285795-\$ or US-6454727-\$ or          US-5794626-\$ or US-5817034-\$ or          US-6022362-\$ or US-3910279-\$ or          US-5827276-\$ or US-6387056-\$ or          US-5836868-\$ or US-5630426-\$ or          US-5554163-\$ or US-5281218-\$ or          US-5913855-\$ or US-6090105-\$ or          US-5496330-\$ or US-5947990-\$ or          US-5944673-\$ or US-5904680-\$ or          US-5100423-\$ or US-5611803-\$ or          US-6689145-\$ or US-6063082-\$ or          US-6071282-\$ or US-5344439-\$ or          US-5163938-\$ or US-6758848-\$).</p>	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/08/22 16:47
8/22/2006 6:35:43 PM		did. or (US-3955578-\$ or US-5683384-\$ or US-6142955-\$ or 112-5709692-\$ or 112-6478486-\$ or				Page 2

## EAST Search History

S27 0	5	S269 not S268	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 15:25
S26 9	27	(figure with bipolar) and (figure with monopolar)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 15:25
S26 8	22	figure with bipolar with monopolar	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 15:24
S26 7	3	("3910279").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/22 13:51
S1	3	("3844272").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/22 13:51
S26 6	2	("5085659").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/22 12:34

## EAST Search History

S26 5	245	("3474777"   "3834392"   "3858586"   "3987795"   "3991770"   "4011872"   "4016881"   "4016886"   "4026301"   "4033351"   "4043342"   "4074718"   "4080959"   "4085756"   "4095602"   "4119102"   "4121592"   "4140130"   "4154246"   "4230129"   "4237898"   "4269174"   "4285346"   "4289135"   "4290435"   "4303636"   "4331654"   "4337760"   "4345588"   "4346715"   "4375220"   "4409993"   "4411266"   "4418692"   "4461283"   "4506680"   "4512762"   "4524770"   "4532924"   "4545368"   "4562838"   "4565200"   "4574782"   "4583556"   "4586490"   "4601296"   "4648992"   "4652257"   "4658819"   "4660571"   "4662359"   "4676258"   "4690130"   "4692139"   "4709701"   "4753248"   "4763671"   "4776086"   "4800899"   "4813429"   "4818542"   "4823791"   "4823793"   "4825880"   "4838265"   "4846196"   "4860744"   "4862887"   "4881543"   "4887614"   "4907589"   "4920978"   "4931047"   "4940064"   "4945912"   "4947842"   "4950267"   "4962761"   "4963364"   "4966604"   "4976680"   "4976711"   "4983159"   "4985022"   "4989601"   "5003991"   "5007908"   "5009656"   "5010897"   "5011483"   "5013312"   "5015227"   "5016615"   "5026959"   "5047027"   "5055100"   "5057107"   "5059199"   "5067952"   "5071419"   "5078717"   "5080660"   "5083565"   "5084001"   "5084045"   "5085659"   "5099756"   "5100423"   "5115818"   "5119832"   "5122137"   "5125928"   "5128147"   "5156151"   "5167626"   "5169396"   "5170789"   "5170805"   "5178620"   "5183455"   "5190517"   "5190539"   "5190541"   "5190766"   "5197466").PN. OR ("5197963"   "5197964"   "5203353"   "5203782"   "5205289"   "5207675"   "5215103"   "5217458"   "5222953"   "5236410"   "5236424"   "5246438"   "5249585"   "5251645"   "5252922"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/22 12:33
8/22/2006 6:35:43 PM		"5257451"   "5258006"   "5259394" C:\Documents and Settings\trw\My Documents\EAST\Workspaces\10790173.wsp "5259395"   "5267994"   "5272525"   "5275162"   "5277696"				Page 4

## EAST Search History

S26 4	285	("4419819"   "4517974").PN. OR ("4660571").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/22 11:21
S26 3	137	("2515683"   "3230957"   "3566877"   "3890953"   "3915151"   "4028518"   "4030480").PN. OR ("4154246").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/22 11:03

## EAST Search History

S26 2	195	("3991770"   "4016886"   "4043342"   "4074718"   "4080959"   "4095602"   "4119102"   "4140130"   "4154246"   "4230129"   "4285346"   "4290435"   "4303636"   "4346715"   "4375220"   "4545368"   "4565200"   "4574782"   "4586490"   "4660571"   "4676258"   "4709701"   "4763671"   "4800899"   "4813429"   "4823791"   "4860744"   "4881543"   "4887614"   "4920978"   "4931047"   "4945912"   "4947842"   "4962761"   "4976680"   "4976711"   "4983159"   "4985022"   "4989601"   "5003991"   "5007908"   "5009656"   "5010897"   "5047027"   "5057107"   "5067952"   "5071419"   "5078717"   "5085659"   "5099756"   "5100423"   "5122137"   "5125928"   "5156151"   "5190517"   "5190541"   "5197466"   "5197963"   "5197964"   "5203782"   "5217458"   "5236410"   "5246438"   "5257451"   "5273535"   "5275162"   "5277696"   "5281217"   "5281218"   "5282797"   "5290286"   "5293869"   "5295955"   "5309910"   "5313943"   "5314466"   "5328467"   "5334193"   "5342357"   "5348554"   "5363861"   "5366490"   "5368592"   "5370675"   "5370678"   "5383917"   "5385544"   "5398683"   "5403311"   "5409453"   "5421819"   "5423807"   "5423808"   "5423811"   "5433708"   "5435805"   "5437662"   "5456662"   "5456682"   "5458596"   "5458597"   "5462521"   "5470308"   "5470309"   "5471982"   "5472441"   "5484400"   "5486161"   "5505730"   "5507743"   "5509419"   "5514130"   "5514131"   "5531676"   "5531677"   "5536240"   "5536267"   "5540655"   "5542915"   "5542916"   "5542928"   "5545161"   "5545171"   "5545193"   "5546267").PN. OR ("5549108"   "5549644"   "5554110"   "5556377"   "5558672"   "5558673"   "5560358"   "Re32057"   "Re32066").PN. OR ("5683384"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/22 10:57
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## EAST Search History

S26 1	10	(("3945375") or ("5683384") or ("5980469") or ("5595185") or ("6540695")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/22 10:53
S26 0	3	("3910279").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/22 10:53
S21 0	7	(("6331166") or ("6454727") or ("6261241") or ("6517498") or ("6875182")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/22 09:59
S25 9	2	("5143087").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/22 09:03
S25 8	2	("5891185").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/22 09:03

## EAST Search History

S25 7	85	("2032860"   "2192270"   "3805791"   "3955578"   "4202338"   "4294254"   "4311143"   "4362160"   "4503855"   "4576162"   "4638802"   "4718419"   "4724836"   "5007908"   "5024617"   "5035696"   "5037379"   "5064424"   "5066295"   "5078716"   "5080660"   "5100423"   "5147307"   "5158561"   "5163938"   "5192270"   "5196007"   "5201732"   "5201741"   "5207686"   "5215521"   "5224488"   "5304176"   "5312400"   "5318564"   "5323768"   "5324288"   "5335671"   "5337754"   "5344420"   "5374188"   "5376094"   "5380321"   "5395312"   "5403310"   "5415656"   "5417697"   "5423814"   "5437665"   "5441503"   "5462553"   "5484436"   "5501654"   "5526822"   "5542948"   "5554159"   "5611803"   "5643282"   "5649547"   "5665085"   "5674184"   "5730726"   "5769086"   "5769794"   "5782775"   "5788709"   "5794626"   "5795308"   "5810806"   "5848978"   "5857981"   "5857982"   "5913857").PN. OR ("6344026"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 15:06
S25 6	109	("0612569"   "3181533"   "3955578"   "4598711"   "4733671"   "4924878"   "4971067"   "4976269"   "5084054"   "5111828"   "5121751"   "5125413"   "5158561"   "5163942"   "5172701"   "5300078").PN. OR ("5376094"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 14:53

## EAST Search History

S25 5	53	("2032860"   "3805791"   "3955578"   "4202338"   "4294254"   "4311143"   "4362160"   "4503855"   "4576162"   "4638802"   "4718419"   "4724836"   "5007908"   "5024617"   "5035696"   "5064424"   "5066295"   "5078716"   "5080660"   "5158561"   "5163938"   "5196007"   "5201732"   "5201741"   "5207686"   "5224488"   "5312400"   "5318564"   "5323768"   "5324288"   "5335671"   "5344420"   "5376094"   "5380321"   "5395312"   "5415656"   "5417697"   "5423814"   "5437665"   "5441503"   "5462553"   "5484436"   "5501654"   "5526822"   "5542948"   "5611803"   "5643282"   "5649547"   "5665085"   "5674184"   "5769086"   "5794626").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 14:44
S25 4	51	("3149633"   "3811446"   "3955578").PN. OR ("4294254"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 14:39
S25 3	60	("0359506"   "1967015"   "2047535"   "2447169"   "2484059"   "3149633"   "3495586"   "3805791").PN. OR ("3910279"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 14:28
S25 2	3	("3910279").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/21 14:28
S25 1	47	((("5707389") or ("5810806") or ("5554163") or ("3805791") or ("5897584") or ("4726370") or ("5441503") or ("5348555") or ("5304176") or ("5857982") or ("5318564") or ("5403311") or ("5575293") or ("5527331") or ("5505210") or ("4362160") or ("5794626") or ("5573008") or ("5437665") or ("5947964") or ("5733283") or ("5941893") or ("4917082")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/17 14:30

## EAST Search History

S25 0	32	S248 and thermo\$plastic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 10:12
S24 9	31	S246 and thermo\$plastic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 10:12
S24 8	897	S247 and @ad<"19980303"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 10:05
S24 7	1874	(606/127-129,45).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/17 10:01
S24 6	1147	S245 and @ad<"19980303"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 09:59
S24 5	2334	(600/564,566-570,201,203,210, 215).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/17 09:59
S24 4	2	("5441503").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 17:12

## EAST Search History

S24 3	42	("1747407"   "4405314"   "4552554"   "4648402"   "4774949"   "4947864"   "5001556"   "5019040"   "5061245"   "5095511"   "5099850"   "5109830"   "5114414"   "5127917"   "5183470"   "5190528"   "5279565"   "5287861"   "5321501"   "5350377"   "5389096"   "5409019"   "5409453"   "5413581"   "5429144"   "5443497"   "5452733"   "5456694"   "5456714"   "5464395"   "5486170"   "5573531"   "5607435"   "5628761"   "5695457"   "5707389"   "5741270"   "5910133"   "5935108"   "5938671"   "6015423").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/16 16:49
S24 2	74	S241 and (bias\$3 with catheter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 16:44
S24 1	2247	((600/433-435,585) or (604/164. 13)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 16:44
S24 0	0	S236 and (bump with bias\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 16:43
S23 9	0	S236 and (bump with bias)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 16:43
S23 8	49	S236 and (bump)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 16:43

## EAST Search History

S23 7	13	S236 and (rais\$3 near (surface wall) bias\$3 near ( surface wall))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 16:43
S23 6	2132	(600/433-435,585).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 16:43
S23 5	24	S231 and (rais\$3 near (surface wall) bias\$3 near ( surface wall))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 16:32
S23 4	114	S229 and (bias\$3 with surface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 16:24
S23 3	9	S229 and (bias\$3 near surface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 16:23
S23 2	8	S229 and (raised near surface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 16:20
S23 1	1147	S230 and @ad<"19980303"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 16:17
S23 0	2333	(600/564,566-570,201,203,210, 215).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 16:15

## EAST Search History

S22 9	1992	S228 and @ad<"19980303"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 16:14
S22 8	4003	((606/160) or (606/167) or (606/168) or (606/169) or (606/170) or (606/171) or (606/172) or (606/180)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 16:14

## EAST Search History

S22 7	216	<p>(US-20030109870-\$).did. or          (US-5810809-\$ or US-5527331-\$ or          US-6187017-\$ or US-6183482-\$ or          US-6168603-\$ or US-5989266-\$ or          US-5913864-\$ or US-5913857-\$ or          US-5810806-\$ or US-5318564-\$ or          US-6927400-\$ or US-6716179-\$ or          US-6689145-\$ or US-5792145-\$ or          US-6387056-\$ or US-6319261-\$ or          US-6261241-\$ or US-6174318-\$ or          US-6120462-\$ or US-6071282-\$ or          US-6063077-\$ or US-5658296-\$ or          US-6014590-\$ or US-5976129-\$ or          US-5647871-\$ or US-5964716-\$).          did. or (US-5947990-\$ or          US-5947964-\$ or US-5941869-\$ or          US-5928164-\$ or US-5928159-\$ or          US-5911739-\$ or US-5902272-\$ or          US-5897567-\$ or US-5871453-\$ or          US-5836868-\$ or US-5643282-\$ or          US-5794626-\$ or US-5775333-\$ or          US-5766192-\$ or US-5730127-\$ or          US-5499981-\$ or US-5496330-\$ or          US-5709698-\$ or US-5683388-\$ or          US-5649547-\$ or US-5647870-\$ or          US-5643313-\$ or US-5611803-\$ or          US-5575293-\$ or US-5554163-\$ or          US-5549108-\$ or US-5545175-\$).          did. or (US-5540707-\$ or          US-5526822-\$ or US-5509923-\$ or          US-5505210-\$ or US-5437665-\$ or          US-5431649-\$ or US-5501694-\$ or          US-5501654-\$ or US-5484436-\$ or          US-5465717-\$ or US-5462553-\$ or          US-5454790-\$ or US-5441503-\$ or          US-5423814-\$ or US-5417697-\$ or          US-5415637-\$ or US-5403276-\$ or          US-5402790-\$ or US-5397320-\$ or          US-5392790-\$ or US-5380321-\$ or          US-5376100-\$ or US-5366443-\$ or          US-5342357-\$ or US-5335671-\$ or          US-5323768-\$ or US-5312425-\$).          did. or (US-5285795-\$ or          US-5281218-\$ or US-5224945-\$ or          US-5395312-\$ or US-5201732-\$ or          US-5158561-\$ or US-RE33925-\$ or          US-5112299-\$ or US-5087265-\$ or          US-5078716-\$ or US-5066295-\$ or          US-5047027-\$ or US-5035696-\$ or          US-5376094-\$ or US-5024617-\$ or          US-4920978-\$ or US-4699147-\$ or          US-4644951-\$ or US-4638802-\$ or          US-4565200-\$ or US-4311143-\$ or          US-4273128-\$ or US-4202338-\$ or          US-4030503-\$ or US-3910279-\$ or          US-3320957-\$ or US-2032860-\$).</p> <p>8/22/2006 6:35:43 PM did. or (US-5324288-\$ or C:\Documents and Settings\rowan\My Documents\EAST\Workspaces\10790173.wsp US-6875182-\$ or US-5312400-\$ or US-5311858-\$ or US-6142955-\$ or</p>	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/08/16 15:51
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## EAST Search History

S22 6	2	("5554163").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 15:44
S22 5	2	("0554163").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 15:44
S22 4	2	("5649547").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 15:43
S22 3	2	("5526822").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 15:06
S22 2	2	("5526822").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 15:05
S22 1	2	("5,240,011").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 14:34
S22 0	2	("5810806").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 14:32
S21 9	48	("1963636"   "2008525"   "3939839"   "4060086"   "4134406"   "4149538"   "4506668"   "4538610").PN. OR ("4726370"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/16 14:31

## EAST Search History

S21 8	363	("0164184"   "1366756"   "1735271"   "1814791"   "1889609"   "1932258"   "1943543"   "1952617"   "1983669"   "2050904"   "2056377"   "2196171"   "2888928"   "3035580"   "3460539"   "3595239"   "3601126"   "3614414"   "3648001"   "3685518"   "3699967"   "3707149"   "3801766"   "3815604"   "3845771"   "3847153"   "3870047"   "3885569"   "3898991"   "3901242"   "3902494"   "3903891"   "3920021"   "3920022"   "3923063"   "3929137"   "3939839"   "3945375"   "3963030"   "3964487"   "3970088"   "3974833"   "4011872"   "4016881"   "4024467"   "4033351"   "4040426"   "4043342"   "4051855"   "4060088"   "4069827"   "4074718"   "4092986"   "4114623"   "4116198"   "4119102"   "4126137"   "4154240"   "4189685"   "4200104"   "4202337"   "4204549"   "4210152"   "4228800"   "4248231"   "4271837"   "4281373"   "4301802"   "4326529"   "4346332"   "4376263"   "4381007"   "4416277"   "4418692"   "4429698"   "4448198"   "4474179"   "4476862"   "4492231"   "4494541"   "4512338"   "4517976"   "4524770"   "4532924"   "4534347"   "4548207"   "4559943"   "4559951"   "4562838"   "4565200"   "4567890"   "4580557"   "4590934"   "4593691"   "4617927"   "4657015"   "4658819"   "4658820"   "4669468"   "4674499"   "4681122"   "4682596"   "4688569"   "4696668"   "4706667"   "4709698"   "4712544"   "4727874"   "4735201"   "4739759"   "4769005"   "4781175"   "4799480"   "4800899"   "4802476"   "4805616"   "4813429"   "4815462"   "4820298"   "4823791"   "4827927"   "4832048"   "4850353"   "4860744"   "4878493").PN. OR ("4886074"   "4919129"   "4920978"   "4931047"   "4936281"   "4936301"   "4936310"   "4936842"   "4943290"   "4950267"   "4955377"   "4966597"   "4967765"   "4969885"   "4976711"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/16 13:17
8/22/2006 6:35:43 PM		"4994069"   "4998933"   "5007908" C:\Documents and Settings\trw01\My Documents\EAST\Workspaces\10790173.wsp   "5009656"   "5013312"     "5019076"   "5025696"   "5037370"				Page 16

## EAST Search History

S21 7	61	("1952617"   "2038393"   "2102270"   "2888017"   "2888928"   "3661144"   "3828780"   "3835842"   "3850175"   "3902494"   "3974833"   "3990456"   "4030502"   "4060086"   "4311143"   "4430996"   "4474174"   "4643197"   "4657018"   "4682596"   "4724836"   "4726370"   "4756309"   "4998527").PN. OR ("5441503"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/16 12:17
S21 6	24	("2113246"   "3850162"   "4325374"   "4362160"   "5014708"   "5047027"   "5064424"   "5078716"   "5133360"   "5133713"   "5159925"   "5186714"   "5201731"   "5201741"   "5282800"   "5304176"   "5312327"   "5334183"   "5348555"   "5395312"   "5403311"   "5437665"   "5441503").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/16 11:47
S21 5	3	("4534347"   "4657016"   "5318564").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/16 11:45
S21 4	35	S213 and ramp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 16:36
S21 3	1147	S212 and @ad<"19980303"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 16:35
S21 2	2333	(600/564,566-570,201,203,210, 215).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 16:34
S21 1	62	S194 and ramp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 16:28

## EAST Search History

S20 9	4	("6331166") or ("6454727") or ("6261241").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 15:13
S20 8	96	S201 and guide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 15:12
S20 7	2	("5397320").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 15:07
S20 6	2	("5,526,822").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 15:06
S20 5	92	("0769829"   "1167014"   "1867624"   "2505358"   "2516492"   "2816552"   "3157524"   "3394699"   "3404677"   "3473533"   "3606878").PN. OR ("4243048").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/15 13:26
S20 4	40	("4016886"   "4121592"   "4140109"   "4291708"   "4458694"   "4520249"   "4658836"   "4679561"   "4737628"   "4776334"   "4821725"   "4846196"   "4860744"   "4872458"   "4898169"   "4919138"   "4920978"   "4979518"   "5069223"   "5085659"   "5117828"   "5122137"   "5125928"   "5143079"   "5251645"   "5284144"   "5330470"   "5383874"   "5429636"   "5458597"   "5459298"   "5472441"   "5486161"   "5499981"   "5507743"   "5514130"   "5536267"   "5599345"   "5599346"   "Re34421").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/15 11:47
S20 3	24	S201 and (Watt Mhz)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 11:44

## EAST Search History

S20 2	2	("5941869").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 11:43
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## EAST Search History

S20 1	195	<p>(US-20030109870-\$).did. or          (US-6758848-\$ or US-6716179-\$ or          US-6712775-\$ or US-6699206-\$ or          US-6428486-\$ or US-6331166-\$ or          US-6261241-\$ or US-6120462-\$ or          US-5964716-\$ or US-5944673-\$ or          US-4644951-\$ or US-4243048-\$ or          US-3844272-\$ or US-5947964-\$ or          US-5794626-\$ or US-5902272-\$ or          US-5715825-\$ or US-5649547-\$ or          US-5526822-\$ or US-5431649-\$ or          US-5415656-\$ or US-5324288-\$ or          US-5047027-\$ or US-5281218-\$ or          US-5064424-\$ or US-4565200-\$).          did. or (US-4362160-\$ or          US-5366443-\$ or US-5769086-\$ or          US-5665085-\$ or US-5643282-\$ or          US-5611803-\$ or US-5542948-\$ or          US-5484436-\$ or US-5462553-\$ or          US-5441503-\$ or US-5437665-\$ or          US-5380321-\$ or US-5810806-\$ or          US-5335671-\$ or US-5323768-\$ or          US-5674184-\$ or US-5501654-\$ or          US-5312400-\$ or US-5207686-\$ or          US-5201741-\$ or US-5196007-\$ or          US-5423814-\$ or US-5417697-\$ or          US-5158561-\$ or US-5100423-\$ or          US-5080660-\$ or US-5395312-\$).          did. or (US-5376094-\$ or          US-5035696-\$ or US-5024617-\$ or          US-5007908-\$ or US-4718419-\$ or          US-4638802-\$ or US-4576162-\$ or          US-5318564-\$ or US-4979951-\$ or          US-5201732-\$ or US-4503855-\$ or          US-4294254-\$ or US-4202338-\$ or          US-3805791-\$ or US-5163938-\$ or          US-5066295-\$ or US-5078716-\$ or          US-4724836-\$ or US-4311143-\$ or          US-2032860-\$ or US-3955578-\$ or          US-5575293-\$ or US-4200111-\$ or          US-5928164-\$ or US-5980469-\$ or          US-5871453-\$ or US-5775333-\$).          did. or (US-5683388-\$ or          US-5573008-\$ or US-5569254-\$ or          US-5505210-\$ or US-5476101-\$ or          US-5392790-\$ or US-5285795-\$ or          US-5030201-\$ or US-5941869-\$ or          US-5554163-\$ or US-5217474-\$ or          US-5402790-\$ or US-4273128-\$ or          US-5976129-\$ or US-3835842-\$ or          US-5810764-\$ or US-5947990-\$ or          US-5709698-\$ or US-5403276-\$ or          US-6927400-\$ or US-5087265-\$ or          US-5976164-\$ or US-6689145-\$ or          US-6514248-\$ or US-6387056-\$ or          US-5913855-\$ or US-6086532-\$).</p> <p>did. or (US-6071282-\$ or          US-6063077-\$ or US-5730127-\$ or          11C-2910779-\$ or 11C-5630476-\$ or</p>	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/08/15 11:25
8/22/2006 6:35:43 PM					Page 20	
C:\Documents and Settings\rowat\My Documents\EAST\Workspaces\10790173.wsp						

## EAST Search History

S20 0	2	("5810806").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 11:16
S19 9	2	("5437665").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 11:16
S19 8	2	("5573008").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 11:07
S19 7	2	("6699206").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 11:04
S19 6	7	("4534347"   "4657016"   "5318564").PN. OR ("5913864"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/15 09:35
S19 5	897	S194 and @ad<"19980303"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 09:07
S19 4	1872	(606/127-129,45).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 09:07
S12	0	("11and@ad<19980303").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 09:07

## EAST Search History

S19 3	98	((("5397325") or ("5810809") or ("5282826") or ("5295993") or ("5486190") or ("5762069") or ("5766177") or ("5779713") or ("5865765") or ("4282884") or ("4306570") or ("4574803") or ("4589414") or ("4850957") or ("5009659") or ("5026384") or ("5029573") or ("5253659") or ("5282807") or ("5318582") or ("5346503") or ("5356419") or ("5383882") or ("5385572") or ("5387197") or ("5400768") or ("5405354") or ("5406940") or ("5411514") or ("5423799") or ("5423838") or ("5429117") or ("5439474") or ("5441499") or ("5443472") or ("5456689") or ("5472439") or ("5476473") or ("5478347") or ("5478350") or ("5485952") or ("5486189") or ("5489292") or ("5499990") or ("5522839") or ("5527325") or ("5527330") or ("5527331") or ("5540711") or ("5545170).pn.").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 09:06
S19 2	11	("3835842"   "5133360"   "5376094"   "5573008"   "5741271"   "5810764"   "5846248"   "5897487"   "5961526"   "5976073"   "5976129").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/14 17:13
S19 1	44	("2243299"   "2257369"   "2721555"   "3294085"   "3835842"   "3844272"   "3850162"   "3850175"   "3882872"   "3900022"   "3996935"   "4167943"   "4301802"   "4517977"   "4643717"   "4650461"   "4650463"   "4674502"   "4678459"   "4715848"   "4844088"   "4955882"   "5019036"   "5163433"   "5190541"   "5217479"   "5244462"   "5300069"   "5312327"   "5322505"   "5354291"   "5403276"   "5403317"   "5405348"   "5413556"   "5489290"   "5505210"   "5569254"   "5709698"   "5750488").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/14 17:04
S19 0	84	("1184970"   "2038393"   "2494088"   "3720203").PN. OR ("3835842").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/14 16:55

## EAST Search History

S18 9	11	("3835842"   "5133360"   "5376094"   "5573008"   "5741271"   "5810764"   "5846248"   "5897487"   "5961526"   "5976073"   "5976129").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/14 16:51
S18 8	138	("0612569"   "0668647"   "1162901"   "1606497"   "1867624"   "1891054"   "2426535"   "2493979"   "2541542"   "2749909"   "3001522"   "3175554"   "3181533"   "3342175"   "3477423"   "3683892"   "3692020"   "3732858"   "3882849"   "3902498"   "3903892"   "3955578"   "3989033"   "3989049"   "3996935"   "4007732"   "4020847"   "4168698"   "4174715"   "4178810"   "4200111"   "4220155"   "4243048"   "4282884"   "4326530"   "4427014"   "4461305"   "4493320"   "4522206"   "4574803"   "4620547"   "4631052"   "4651752"   "4651753"   "4662371"   "4682606"   "4693257"   "4708147"   "4712550"   "4735215"   "4763668"   "4785826"   "4830002"   "4867156"   "4881550"   "4887612"   "4903709"   "4926877"   "4936845"   "4971067"   "4976269"   "4986825"   "5026379"   "5052402"   "5074311"   "5085659"   "5098440"   "5111828"   "5133360"   "5133727"   "5147378"   "5148813"   "5171255"   "5172700"   "5195533"   "5197484"   "5211655"   "5224488"   "5238002"   "5242461"   "5251641"   "5267572"   "5373854"   "5375608").PN. OR ("5573008"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/14 16:20
S18 7	137	("1167014"   "1677209"   "2816552"   "3173414"   "3435826"   "3704711"   "3749085"   "3811448"   "3990453"   "4020847"   "4040413"   "4137920"   "4220155"   "4246902"   "4273128"   "4274414"   "4295464"   "4445892"   "4448195"   "4493321"   "4627436"   "4685458").PN. OR ("4979951").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/14 15:07

## EAST Search History

S18 6	1147	S185 and @ad<"19980303"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 14:34
S18 5	2333	(600/564,566-570,201,203,210, 215).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/14 14:33
S18 4	36	("3850162"   "4362160"   "4782840"   "4801803"   "4889991"   "4893013"   "4959547"   "5014708"   "5036201"   "5047027"   "5064424"   "5070878"   "5111828"   "5119818"   "5148040"   "5151598"   "5170055"   "5201731"   "5221281"   "5246005"   "5304176"   "5312327"   "5348555"   "5383456"   "5395312"   "5400564"   "5403311"   "5429133"   "5441050"   "5441503"   "5456689"   "5475219"   "5495111"   "5526822"   "5527331"   "5575293").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/14 14:32

## EAST Search History

S18 3	85	("2032860"   "2192270"   "3805791"   "3955578"   "4202338"   "4294254"   "4311143"   "4362160"   "4503855"   "4576162"   "4638802"   "4718419"   "4724836"   "5007908"   "5024617"   "5035696"   "5037379"   "5064424"   "5066295"   "5078716"   "5080660"   "5100423"   "5147307"   "5158561"   "5163938"   "5192270"   "5196007"   "5201732"   "5201741"   "5207686"   "5215521"   "5224488"   "5304176"   "5312400"   "5318564"   "5323768"   "5324288"   "5335671"   "5337754"   "5344420"   "5374188"   "5376094"   "5380321"   "5395312"   "5403310"   "5415656"   "5417697"   "5423814"   "5437665"   "5441503"   "5462553"   "5484436"   "5501654"   "5526822"   "5542948"   "5554159"   "5611803"   "5643282"   "5649547"   "5665085"   "5674184"   "5730726"   "5769086"   "5769794"   "5782775"   "5788709"   "5794626"   "5795308"   "5810806"   "5848978"   "5857981"   "5857982"   "5913857").PN. OR ("6344026"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/14 13:55
S18 2	2	("5,366,443").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/14 13:52
S18 1	2	("5,697,281").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/14 13:52
S18 0	2	("5,697,882").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/14 13:51

## EAST Search History

S17 9	46	("4243048"   "4362160"   "4565200"   "5047027"   "5064424"   "5133359"   "5281218"   "5324288"   "5415656"   "5417687"   "5431649"   "5470308"   "5526822"   "5649547"   "5687739"   "5715825"   "5741225"   "5782775"   "5794626"   "5797907"   "5902272"   "5947964"   "Re34056").PN. OR ("6261241"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/14 13:51
S17 8	175	("2705949"   "2919692"   "3590808"   "3606878"   "3732858"   "3734099"   "3844272"   "4099518"   "4200106"   "4203444"   "4210146"   "4243048"   "4306570"   "4461305"   "4517977"   "4600014"   "4644951"   "4651753"   "4699154"   "4702260"   "4702261"   "4708147"   "4733671"   "4735215"   "4844088"   "4850373"   "4893635"   "4919146"   "4924878"   "4940061"   "4944308"   "4958625"   "4966583"   "4971067"   "4976269"   "4991592"   "5005585"   "5031634"   "5048538"   "5108381"   "5111828"   "5125413"   "5133359"   "5133360"   "5183052"   "5183054"   "5188118"   "5195533"   "5197484"   "5224470"   "5224488"   "5234000"   "5243994"   "5249583"   "5255688"   "5282476"   "5284156"   "5301684"   "5313958"   "5316013"   "5320110"   "5324300"   "5333619"   "5335672"   "5336176"   "5341816"   "5348022"   "5353804"   "5368045"   "Re33258"   "Re34056").PN. OR ("5649547"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/14 13:19
S17 7	1	"20050283096"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/14 13:10
S17 6	0	"200500283096"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/14 13:10

## EAST Search History

S17 5	89	( "1813902"   "3910279"   "3955578"   "4016886"   "4116198"   "4121592"   "4140109"   "4520249"   "4638802"   "4658836"   "4679561"   "4737628"   "4776334"   "4821725"   "4846196"   "4860744"   "4869247"   "4872458"   "4919138"   "4920978"   "4945912"   "4979518"   "5057107"   "5069223"   "5080660"   "5122137"   "5125928"   "5163938"   "5192280"   "5224488"   "5251645"   "5282799"   "5284144"   "5324288"   "5330470"   "5336227"   "5370675"   "5385544"   "5403311"   "5409453"   "5415656"   "5421819"   "5423809"   "5435805"   "5454790"   "5458597"   "5462521"   "5470308"   "5470309"   "5472441"   "5486161"   "5486182"   "5507743"   "5514131"   "5536240"   "5536267"   "5540655"   "5540681"   "5545195"   "5599345"   "5599346"   "5607389"   "5620481"   "5626577"   "5630426"   "5651780"   "5672173"   "5672174"   "5683384"   "5709224"   "5720744"   "5728143"   "5741271"   "5749870"   "5759187"   "5766215"   "5782840"   "5810806"   "5817092"   "5827276"   "5855576"   "5857982"   "5868740"   "5882316"   "5925044"   "5957923"   "6013086"   "6022362").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/14 13:10
S17 4	107	( "4016886"   "4121592"   "4140109"   "4291708"   "4458694"   "4520249"   "4638836"   "4679561"   "4737628"   "4821725"   "4846196"   "4860744"   "4872458"   "4919138"   "4920978"   "4979518"   "5069223"   "5122137"   "5143079"   "5251645"   "5284144"   "Re34421").PN. OR ("5630426").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/14 11:33
S17 3	2	("5,630,426").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/14 11:32

## EAST Search History

S17 2	2	(("Re34056") or ("Re33925")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/14 11:13
S17 1	0	(("Re.,034,056") or ("Re.,033,925")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/14 11:12
S17 0	0	(("Re,034,056") or ("Re,033,925")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/14 11:12
S16 9	0	(("Re,034,056") or ("Re,033,925")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/14 11:12

## EAST Search History

S16 8	323	((("Re,034,056") or ("Re,033,925") or ("2,192,270") or ("2,032,860") or ("3,341,417") or ("3,805,791") or ("3,818,894") or ("3,823,212") or ("3,847,153") or ("3,910,279") or ("3,955,578") or ("4,007,732") or ("4,172,449") or ("4,197,846") or ("4,202,338") or ("4,243,048") or ("4,276,885") or ("4,294,241") or ("4,294,254") or ("4,311,143") or ("4,331,654") or ("4,362,160") or ("4,418,692") or ("4,503,855") or ("4,545,367") or ("4,647,480") or ("4,565,200") or ("4,576,162") or ("4,638,802") or ("4,693,237") or ("4,718,419") or ("4,724,836") or ("4,813,062") or ("4,847,049") or ("4,863,470") or ("4,909,250") or ("4,926,858") or ("5,007,908") or ("5,024,617") or ("5,035,696") or ("5,047,027") or ("5,064,424") or ("5066295") or ("5,078,716") or ("5,080,660") or ("5,111,828") or ("5,133,359") or ("5,133,360") or ("5,147,307") or ("5,158,561") or ("5,163,938") or ("5,196,007") or ("5,201,732") or ("5,201,732") or ("5,201,732") or ("5,207,686") or ("5,224,488") or ("5,236,410") or ("5,258,006") or ("5,281,218") or ("5,281,408") or ("5,282,781") or ("5,312,400") or ("5,318,564") or ("5,323,768") or ("5,324,288") or ("5,334,381") or ("5,335,671") or ("5,344,420") or ("5,344,381") or ("5,344,420") or ("5,368,030") or ("5,376,094") or ("5,380,321") or ("5,395,312") or ("5,395,319") or ("5,401,272") or ("5,415,656") or ("5,417,687") or ("5,417,697") or ("5,422,730") or ("5,423,814") or ("5,431,649") or ("5,433,204") or ("5,437,665") or ("5,441,498") or ("5,441,503") or ("5,462,553") or ("5,470,308") or ("5,477,862") or ("5,484,436") or ("5,487,385") or ("5,494,030") or ("5,501,654") or ("5,526,822") or ("5,527,331") or ("5,536,267") or ("5,542,948") or ("5,549,560") or ("5,607,389") or ("5,611,803") or ("5,636,255") or ("5,643,282") or ("5,646,146") or ("5,649,547") or ("5,665,085") or ("5,687,739") or ("5,672,174") or ("5,674,184") or ("5,676,925") or ("5,688,490") or ("5,715,825") or ("5,720,763") or ("5,741,225") or ("5,749,626") or ("5,766,169") or ("5,769,086") or ("5,772,660") or ("5,775,333") or ("5,782,222") or ("5,785,111") or ("5,788,000") or ("5,791,888") or ("5,794,777") or ("5,797,666") or ("5,800,555") or ("5,803,444") or ("5,806,333") or ("5,809,222") or ("5,812,111") or ("5,815,000") or ("5,818,888") or ("5,821,777") or ("5,824,666") or ("5,827,555") or ("5,830,444") or ("5,833,333") or ("5,836,222") or ("5,839,111") or ("5,842,000") or ("5,845,888") or ("5,848,777") or ("5,851,666") or ("5,854,555") or ("5,857,444") or ("5,860,333") or ("5,863,222") or ("5,866,111") or ("5,869,000") or ("5,872,888") or ("5,875,777") or ("5,878,666") or ("5,881,555") or ("5,884,444") or ("5,887,333") or ("5,890,222") or ("5,893,111") or ("5,896,000") or ("5,899,888") or ("5,902,777") or ("5,905,666") or ("5,908,555") or ("5,911,444") or ("5,914,333") or ("5,917,222") or ("5,920,111") or ("5,923,000") or ("5,926,888") or ("5,929,777") or ("5,932,666") or ("5,935,555") or ("5,938,444") or ("5,941,333") or ("5,944,222") or ("5,947,111") or ("5,950,000") or ("5,953,888") or ("5,956,777") or ("5,959,666") or ("5,962,555") or ("5,965,444") or ("5,968,333") or ("5,971,222") or ("5,974,111") or ("5,977,000") or ("5,980,888") or ("5,983,777") or ("5,986,666") or ("5,989,555") or ("5,992,444") or ("5,995,333") or ("5,998,222") or ("5,001,111") or ("5,004,000") or ("5,007,888") or ("5,010,777") or ("5,013,666") or ("5,016,555") or ("5,019,444") or ("5,022,333") or ("5,025,222") or ("5,028,111") or ("5,031,000") or ("5,034,888") or ("5,037,777") or ("5,040,666") or ("5,043,555") or ("5,046,444") or ("5,049,333") or ("5,052,222") or ("5,055,111") or ("5,058,000") or ("5,061,888") or ("5,064,777") or ("5,067,666") or ("5,070,555") or ("5,073,444") or ("5,076,333") or ("5,079,222") or ("5,082,111") or ("5,085,000") or ("5,088,888") or ("5,091,777") or ("5,094,666") or ("5,097,555") or ("5,100,444") or ("5,103,333") or ("5,106,222") or ("5,109,111") or ("5,112,000") or ("5,115,888") or ("5,118,777") or ("5,121,666") or ("5,124,555") or ("5,127,444") or ("5,130,333") or ("5,133,222") or ("5,136,111") or ("5,139,000") or ("5,142,888") or ("5,145,777") or ("5,148,666") or ("5,151,555") or ("5,154,444") or ("5,157,333") or ("5,160,222") or ("5,163,111") or ("5,166,000") or ("5,169,888") or ("5,172,777") or ("5,175,666") or ("5,178,555") or ("5,181,444") or ("5,184,333") or ("5,187,222") or ("5,190,111") or ("5,193,000") or ("5,196,888") or ("5,199,777") or ("5,202,666") or ("5,205,555") or ("5,208,444") or ("5,211,333") or ("5,214,222") or ("5,217,111") or ("5,220,000") or ("5,223,888") or ("5,226,777") or ("5,229,666") or ("5,232,555") or ("5,235,444") or ("5,238,333") or ("5,241,222") or ("5,244,111") or ("5,247,000") or ("5,250,888") or ("5,253,777") or ("5,256,666") or ("5,259,555") or ("5,262,444") or ("5,265,333") or ("5,268,222") or ("5,271,111") or ("5,274,000") or ("5,277,888") or ("5,280,777") or ("5,283,666") or ("5,286,555") or ("5,289,444") or ("5,292,333") or ("5,295,222") or ("5,298,111") or ("5,301,000") or ("5,304,888") or ("5,307,777") or ("5,310,666") or ("5,313,555") or ("5,316,444") or ("5,319,333") or ("5,322,222") or ("5,325,111") or ("5,328,000") or ("5,331,888") or ("5,334,777") or ("5,337,666") or ("5,340,555") or ("5,343,444") or ("5,346,333") or ("5,349,222") or ("5,352,111") or ("5,355,000") or ("5,358,888") or ("5,361,777") or ("5,364,666") or ("5,367,555") or ("5,370,444") or ("5,373,333") or ("5,376,222") or ("5,379,111") or ("5,382,000") or ("5,385,888") or ("5,388,777") or ("5,391,666") or ("5,394,555") or ("5,397,444") or ("5,400,333") or ("5,403,222") or ("5,406,111") or ("5,409,000") or ("5,412,888") or ("5,415,777") or ("5,418,666") or ("5,421,555") or ("5,424,444") or ("5,427,333") or ("5,430,222") or ("5,433,111") or ("5,436,000") or ("5,439,888") or ("5,442,777") or ("5,445,666") or ("5,448,555") or ("5,451,444") or ("5,454,333") or ("5,457,222") or ("5,460,111") or ("5,463,000") or ("5,466,888") or ("5,469,777") or ("5,472,666") or ("5,475,555") or ("5,478,444") or ("5,481,333") or ("5,484,222") or ("5,487,111") or ("5,490,000") or ("5,493,888") or ("5,496,777") or ("5,499,666") or ("5,502,555") or ("5,505,444") or ("5,508,333") or ("5,511,222") or ("5,514,111") or ("5,517,000") or ("5,520,888") or ("5,523,777") or ("5,526,666") or ("5,529,555") or ("5,532,444") or ("5,535,333") or ("5,538,222") or ("5,541,111") or ("5,544,000") or ("5,547,888") or ("5,550,777") or ("5,553,666") or ("5,556,555") or ("5,559,444") or ("5,562,333") or ("5,565,222") or ("5,568,111") or ("5,571,000") or ("5,574,888") or ("5,577,777") or ("5,580,666") or ("5,583,555") or ("5,586,444") or ("5,589,333") or ("5,592,222") or ("5,595,111") or ("5,598,000") or ("5,601,888") or ("5,604,777") or ("5,607,666") or ("5,610,555") or ("5,613,444") or ("5,616,333") or ("5,619,222") or ("5,622,111") or ("5,625,000") or ("5,628,888") or ("5,631,777") or ("5,634,666") or ("5,637,555") or ("5,640,444") or ("5,643,333") or ("5,646,222") or ("5,649,111") or ("5,652,000") or ("5,655,888") or ("5,658,777") or ("5,661,666") or ("5,664,555") or ("5,667,444") or ("5,670,333") or ("5,673,222") or ("5,676,111") or ("5,679,000") or ("5,682,888") or ("5,685,777") or ("5,688,666") or ("5,691,555") or ("5,694,444") or ("5,697,333") or ("5,610,222") or ("5,613,111") or ("5,616,000") or ("5,619,888") or ("5,622,777") or ("5,625,666") or ("5,628,555") or ("5,631,444") or ("5,634,333") or ("5,637,222") or ("5,640,111") or ("5,643,000") or ("5,646,888") or ("5,649,777") or ("5,652,666") or ("5,655,555") or ("5,658,444") or ("5,661,333") or ("5,664,222") or ("5,667,111") or ("5,670,000") or ("5,673,888") or ("5,676,777") or ("5,679,666") or ("5,682,555") or ("5,685,444") or ("5,688,333") or ("5,691,222") or ("5,694,111") or ("5,697,000") or ("5,700,888") or ("5,703,777") or ("5,706,666") or ("5,709,555") or ("5,712,444") or ("5,715,333") or ("5,718,222") or ("5,721,111") or ("5,724,000") or ("5,727,888") or ("5,730,777") or ("5,733,666") or ("5,736,555") or ("5,739,444") or ("5,742,333") or ("5,745,222") or ("5,748,111") or ("5,751,000") or ("5,754,888") or ("5,757,777") or ("5,760,666") or ("5,763,555") or ("5,766,444") or ("5,769,333") or ("5,772,222") or ("5,775,111") or ("5,778,000") or ("5,781,888") or ("5,784,777") or ("5,787,666") or ("5,790,555") or ("5,793,444") or ("5,796,333") or ("5,799,222") or ("5,802,111") or ("5,805,000") or ("5,808,888") or ("5,811,777") or ("5,814,666") or ("5,817,555") or ("5,820,444") or ("5,823,333") or ("5,826,222") or ("5,829,111") or ("5,832,000") or ("5,835,888") or ("5,838,777") or ("5,841,666") or ("5,844,555") or ("5,847,444") or ("5,850,333") or ("5,853,222") or ("5,856,111") or ("5,859,000") or ("5,862,888") or ("5,865,777") or ("5,868,666") or ("5,871,555") or ("5,874,444") or ("5,877,333") or ("5,880,222") or ("5,883,111") or ("5,886,000") or ("5,889,888") or ("5,892,777") or ("5,895,666") or ("5,898,555") or ("5,901,444") or ("5,904,333") or ("5,907,222") or ("5,910,111") or ("5,913,000") or ("5,916,888") or ("5,919,777") or ("5,922,666") or ("5,925,555") or ("5,928,444") or ("5,931,333") or ("5,934,222") or ("5,937,111") or ("5,940,000") or ("5,943,888") or ("5,946,777") or ("5,949,666") or ("5,952,555") or ("5,955,444") or ("5,958,333") or ("5,961,222") or ("5,964,111") or ("5,967,000") or ("5,970,888") or ("5,973,777") or ("5,976,666") or ("5,979,555") or ("5,982,444") or ("5,985,333") or ("5,988,222") or ("5,991,111") or ("5,994,000") or ("5,997,888") or ("5,000,777") or ("5,003,666") or ("5,006,555") or ("5,009,444") or ("5,012,333") or ("5,015,222") or ("5,018,111") or ("5,021,000") or ("5,024,888") or ("5,027,777") or ("5,030,666") or ("5,033,555") or ("5,036,444") or ("5,039,333") or ("5,042,222") or ("5,045,111") or ("5,048,000") or ("5,051,888") or ("5,054,777") or ("5,057,666") or ("5,060,555") or ("5,063,444") or ("5,066,333") or ("5,069,222") or ("5,072,111") or ("5,075,000") or ("5,078,888") or ("5,081,777") or ("5,084,666") or ("5,087,555") or ("5,090,444") or ("5,093,333") or ("5,096,222") or ("5,099,111") or ("5,102,000") or ("5,105,888") or ("5,108,777") or ("5,111,666") or ("5,114,555") or ("5,117,444") or ("5,120,333") or ("5,123,222") or ("5,126,111") or ("5,129,000") or ("5,132,888") or ("5,135,777") or ("5,138,666") or ("5,141,555") or ("5,144,444") or ("5,147,333") or ("5,150,222") or ("5,153,111") or ("5,156,000") or ("5,159,888") or ("5,162,777") or ("5,165,666") or ("5,168,555") or ("5,171,444") or ("5,174,333") or ("5,177,222") or ("5,180,111") or ("5,183,000") or ("5,186,888") or ("5,189,777") or ("5,192,666") or ("5,195,555") or ("5,198,444") or ("5,201,333") or ("5,204,222") or ("5,207,111") or ("5,210,000") or ("5,213,888") or ("5,216,777") or ("5,219,666") or ("5,222,555") or ("5,225,444") or ("5,228,333") or ("5,231,222") or ("5,234,111") or ("5,237,000") or ("5,240,888") or ("5,243,777") or ("5,246,666") or ("5,249,555") or ("5,252,444") or ("5,255,333") or ("5,258,222") or ("5,261,111") or ("5,264,000") or ("5,267,888") or ("5,270,777") or ("5,273,666") or ("5,276,555") or ("5,279,444") or ("5,282,333") or ("5,285,222") or ("5,288,111") or ("5,291,000") or ("5,294,888") or ("5,297,777") or ("5,200,666") or ("5,203,555") or ("5,206,444") or ("5,209,333") or ("5,212,222") or ("5,215,111") or ("5,218,000") or ("5,221,888") or ("5,224,777") or ("5,227,666") or ("5,230,555") or ("5,233,444") or ("5,236,333") or ("5,239,222") or ("5,242,111") or ("5,245,000") or ("5,248,888") or ("5,251,777") or ("5,254,666") or ("5,257,555") or ("5,260,444") or ("5,263,333") or ("5,266,222") or ("5,269,111") or ("5,272,000") or ("5,275,888") or ("5,278,777") or ("5,281,666") or ("5,284,555") or ("5,287,444") or ("5,290,333") or ("5,293,222") or ("5,296,111") or ("5,299,000") or ("5,302,888") or ("5,305,777") or ("5,308,666") or ("5,311,555") or ("5,314,444") or ("5,317,333") or ("5,320,222") or ("5,323,111") or ("5,326,000") or ("5,329,888") or ("5,332,777") or ("5,335,666") or ("5,338,555") or ("5,341,444") or ("5,344,333") or ("5,347,222") or ("5,350,111") or ("5,353,000") or ("5,356,888") or ("5,359,777") or ("5,362,666") or ("5,365,555") or ("5,368,444") or ("5,371,333") or ("5,374,222") or ("5,377,111") or ("5,380,000") or ("5,383,888") or ("5,386,777") or ("5,389,666") or ("5,392,555") or ("5,395,444") or ("5,398,333") or ("5,401,222") or ("5,404,111") or ("5,407,000") or ("5,410,888") or ("5,413,777") or ("5,416,666") or ("5,419,555") or ("5,422,444") or ("5,425,333") or ("5,428,222") or ("5,431,111") or ("5,434,000") or ("5,437,888") or ("5,440,777") or ("5,443,666") or ("5,446,555") or ("5,449,444") or ("5,452,333") or ("5,455,222") or ("5,458,111") or ("5,461,000") or ("5,464,888") or ("5,467,777") or ("5,470,666") or ("5,473,555") or ("5,476,444") or ("5,479,333") or ("5,482,222") or ("5,485,111") or ("5,488,000") or ("5,491,888") or ("5,494,777") or ("5,497,666") or ("5,500,555") or ("5,503,444") or ("5,506,333") or ("5,509,222") or ("5,512,111") or ("5,515,000") or ("5,518,888") or ("5,521,777") or ("5,524,666") or ("5,527,555") or ("5,530,444") or ("5,533,333") or ("5,536,222") or ("5,539,111") or ("5,542,000") or ("5,545,888") or ("5,548,777") or ("5,551,666") or ("5,554,555") or ("5,557,444") or ("5,560,333") or ("5,563,222") or ("5,566,111") or ("5,569,000") or ("5,572,888") or ("5,575,777") or ("5,578,666") or ("5,581,555") or ("5,584,444") or ("5,587,333") or ("5,590,222") or ("5,593,111") or ("5,596,000") or ("5,599,888") or ("5,602,777") or ("5,605,666") or ("5,608,555") or ("5,611,444") or ("5,614,333") or ("5,617,222") or ("5,620,111") or ("5,623,000") or ("5,626,888") or ("5,629,777") or ("5,632,666") or ("5,635,555") or ("5,638,444") or ("5,641,333") or ("5,644,222") or ("5,647,111") or ("5,650,000") or ("5,653,888") or ("5,656,777") or ("5,659,666") or ("5,662,555") or ("5,665,444") or ("5,668,333") or ("5,671,222") or ("5,674,111") or ("5,677,000") or ("5,680,888") or ("5,683,777") or ("5,686,666") or ("5,689,555") or ("5,692,444") or ("5,695,333") or ("5,698,222") or ("5,701,111") or ("5,704,000") or ("5,707,888") or ("5,710,777") or ("5,713,666") or ("5,716,555") or ("5,719,444") or ("5,722,333") or ("5,725,222") or ("5,728,111") or ("5,731,000") or ("5,734,888") or ("5,737,777") or ("5,740,666") or ("5,743,555") or ("5,746,444") or ("5,749,333") or ("5,752,222") or ("5,755,111") or ("5,758,000") or ("5,761,888") or ("5,764,777") or ("5,767,666") or ("5,770,555") or ("5,773,444") or ("5,776,333") or ("5,779,222") or ("5,782,111") or ("5,785,000") or ("5,788,888") or ("5,791,777") or ("5,794,666") or ("5,797,555") or ("5,800,444") or ("5,803,333") or ("5,806,222") or ("5,809,111") or ("5,812,000") or ("5,815,888") or ("5,818,777") or ("5,821,666") or ("5,824,555") or ("5,827,444") or ("5,830,333") or ("5,833,222") or ("5,836,111") or ("5,839,000") or ("5,842,888") or ("5,845,777") or ("5,848,666") or ("5,851,555") or ("5,854,444") or ("5,857,333") or ("5,860,222") or ("5,863,111") or ("5,866,000") or ("5,869,888") or ("5,872,777") or ("5,875,666") or ("5,878,555") or ("5,881,444") or ("5,884,333") or ("5,887,222") or ("5,890,111") or ("5,893,000") or ("5,896,888") or ("5,899,777") or ("5,902,666") or ("5,905,555") or ("5,908,444") or ("5,911,333") or ("5,914,222") or ("5,917,111") or ("5,920,000") or ("5,923,888") or ("5,926,777") or ("5,929,666") or ("5,932,555") or ("5,935,444") or ("5,938,333") or ("5,941,222") or ("5,944,111") or ("5,947,000") or ("5,950,888") or ("5,953,777") or ("5,956,666") or ("5,959,555") or ("5,962,444") or ("5,965,333") or ("5,968,222") or ("5,971,111") or ("5,974,000") or ("5,977,888") or ("5,980,777") or ("5,983,666") or ("5,986,555") or ("5,989,444") or ("5,992,333") or ("5,995,222") or ("5,998,111") or ("5,001,000") or ("5,004,888") or ("5,007,777") or ("5,010,666") or ("5,013,555") or ("5,016,444") or ("5,019,333") or ("5,022,222") or ("5,025,111") or ("5,028,000") or ("5,031,888") or ("5,034,777") or ("5,037,666") or ("5,040,555") or ("5,043,444") or ("5,046,333") or ("5,049,222") or ("5,052,111") or ("5,055,000") or ("5

## EAST Search History

S16 7	95	(("Re.,034,056") or ("Re.,033,925") or ("2,192,270") or ("2,032,860") or ("3,341,417") or ("3,805,791") or ("3,818,894") or ("3,823,212") or ("3,847,153") or ("3,910,279") or ("3,955,578") or ("4,007,732") or ("4,172,449") or ("4,197,846") or ("4,202,338") or ("4,243,048") or ("4,276,885") or ("4,294,241") or ("4,294,254") or ("4,311,143") or ("4,331,654") or ("4,362,160") or ("4,418,692") or ("4,503,855") or ("4,545,367") or ("4,647,480") or ("4,565,200") or ("4,576,162") or ("4,638,802") or ("4,693,237") or ("4,718,419") or ("4,724,836") or ("4,813,062") or ("4,847,049") or ("4,863,470") or ("4,909,250") or ("4,926,858")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/14 10:37
S16 6	133	("1814791"   "1983669"   "2275167"   "3651812"   "3920021"   "3974833"   "3987795"   "4034762"   "4103688"   "4301802"   "4476862"   "4483338"   "4548207"   "4565200").PN. OR ("4805616").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/14 09:55

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S16 4	328	("0164184"   "1366756"   "1814791"   "1983669"   "2275167"   "3460539"   "3901242"   "3902494"   "3920021"   "3974833"   "3987795"   "4011872"   "4033351"   "4202337"   "4228800"   "4248231").PN. OR ("4532924"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/14 09:32
S16 3	14	(("4532924") or ("5311858") or ("5397320") or ("5501694") or ("5549108") or ("5794626") or ("5941869")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/14 09:30
S16 2	2	("5794626").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/14 09:12

## EAST Search History

S16 1	2	("5941869").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/14 09:12
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